IFWO

RAW SEQUENCE LISTING   DATE: 07/29/2004
PATENT APPLICATION: **US/10/821,710** TIME: 11:38:58

  Input Set : **A:\SEQLIST546322000304.TXT**
  Output Set: **N:\CRF4\07292004\J821710.raw**

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 4 <110> APPLICANT: Graham, Michael wayne
 5         Rice, Robert Norman
 7 <120> TITLE OF INVENTION: CONTROL OF GENE EXPRESSION
10 <130> FILE REFERENCE: 546322000304
12 <140> CURRENT APPLICATION NUMBER: 10/821,710
13 <141> CURRENT FILING DATE: 2004-04-08
15 <150> PRIOR APPLICATION NUMBER: 10/646,070
16 <151> PRIOR FILING DATE: 2003-08-22
18 <150> PRIOR APPLICATION NUMBER: 09/646,807
19 <151> PRIOR FILING DATE: 2000-09-20
21 <150> PRIOR APPLICATION NUMBER: PCT/AU99/00195
22 <151> PRIOR FILING DATE: 1999-03-19
24 <150> PRIOR APPLICATION NUMBER: AU PP2492
25 <151> PRIOR FILING DATE: 1998-03-20
27 <160> NUMBER OF SEQ ID NOS: 16
29 <170> SOFTWARE: FastSEQ for Windows Version 4.0
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 26
33 <212> TYPE: DNA
34 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Primer Bgl-GFP for Green Fluorescent Protein in
38         jellyfish.
40 <400> SEQUENCE: 1
41 agatctgtaa acggccacaa gttcag                              26
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 26
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Primer GFP-Bam for Green Fluorescent Protein in
50         jellyfish.
52 <400> SEQUENCE: 2
53 ggatccttgt acagctcgtc catgcc                              26
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 74
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Primer SV40-1 for SV40 late promoter.
63 <400> SEQUENCE: 3
64 gtcgacaata aaatatcttt attttcatta catctgtgtg ttggtttttt gtgtgatttt 60
65 tgcaaaagcc tagg                                           74
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67 <210> SEQ ID NO: 4
68 <211> LENGTH: 31
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Primer SV40-2 for SV40 late promoter.
75 <400> SEQUENCE: 4
76 gtcgacgttt agagcagaag taacacttcc g                            31
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 38
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Primer BEV-1 for the BEV RNA-dependant RNA
85       polymerase from virus.
87 <400> SEQUENCE: 5
88 cggcagatct aacaatggca ggacaaatcg agtacatc                     38
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 31
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Primer BEV-2 for the BEV RNA-dependant RNA
97       polymerase from virus.
99 <400> SEQUENCE: 6
100 cccgggatcc tcgaaagaat cgtaccactt c                           31
102 <210> SEQ ID NO: 7
103 <211> LENGTH: 29
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Primer BEV-3 for the BEV RNA-dependant RNA
109       polymerase from virus.
111 <400> SEQUENCE: 7
112 gggcggatcc ttagaaagaa tcgtaccac                              29
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 28
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Primer BEV-4 for the BEV RNA-dependant RNA
121       polymerase from virus.
123 <400> SEQUENCE: 8
124 cggcagatct ggacaaatcg agtacatc                               28
126 <210> SEQ ID NO: 9
127 <211> LENGTH: 37
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
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132 <223> OTHER INFORMATION: Primer NOS 5' for the NOS terminator sequence from
133       agrobacterium.
135 <400> SEQUENCE: 9
136 ggattcccgg gacgtcgcga atttcccccg atcgttc                         37
138 <210> SEQ ID NO: 10
139 <211> LENGTH: 33
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Primer NOS 3' for the NOS terminator sequence from
145       agrobacterium.
147 <400> SEQUENCE: 10
148 ccatggccat ataggcccga tctagtaaca tag                             33
150 <210> SEQ ID NO: 11
151 <211> LENGTH: 33
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Primer SCBV 5' for the SCBV promoter sequence from
157       virus.
159 <400> SEQUENCE: 11
160 ccatggccta tatggccatt ccccacattc aag                             33
162 <210> SEQ ID NO: 12
163 <211> LENGTH: 27
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Primer SCBV 3' for the SCBV promoter sequence from
169       virus.
171 <400> SEQUENCE: 12
172 aacgttaact tctacccagt tccagag                                    27
174 <210> SEQ ID NO: 13
175 <211> LENGTH: 28
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Primer LNYV 1 for the LNYV 4 KB gene from virus.
182 <400> SEQUENCE: 13
183 atgggatccg ttatgccaag aagaagga                                   28
185 <210> SEQ ID NO: 14
186 <211> LENGTH: 24
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Primer LNYV 2 for the LNYV 4 KB gene from virus.
193 <400> SEQUENCE: 14
194 tgtggatccc taacggaccc gatg                                       24
196 <210> SEQ ID NO: 15
197 <211> LENGTH: 72
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198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Primer PVY1 for the PVY Nia region from virus.
204 <400> SEQUENCE: 15
205 taatgaggat gatgtcccta cctttaattg gcagaaattt ctgtggaaag acagggaaat 60
206 ctttcggcat tt                                                    72
208 <210> SEQ ID NO: 16
209 <211> LENGTH: 72
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Primer PVY2 for the PVY Nia region from virus.
216 <400> SEQUENCE: 16
217 ttctgccaat taaaggtagg gacatcatcc tcattaaaat gccgaaagat ttccctgtct 60
218 ttccacagaa at                                                    72
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VERIFICATION SUMMARY   DATE: 07/29/2004
PATENT APPLICATION: **US/10/821,710**   TIME: 11:39:00

Input Set : **A:\SEQLIST546322000304.TXT**
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